

05-09-06

zfu

Express Mail No. EV528707999US



Docket No.: 291958241US
Client Ref No. P03-0033

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
McHugh et al.

Application No.: 10/733,807

Confirmation No.: 8859

Filed: December 11, 2003

Art Unit: 1742

For: INTEGRATED MICROFEATURE
WORKPIECE PROCESSING TOOLS
WITH REGISTRATION SYSTEMS FOR
PADDLE REACTORS

Examiner: W. T. Leader

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

A summary/abstract translation of the non-English language references is enclosed.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 291958241US.

Dated: May 8, 2006

Respectfully submitted,

By 

John M. Wechkin

Registration No.: 42,216

PERKINS COIE LLP

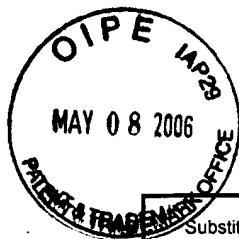
P.O. Box 1247

Seattle, Washington 98111-1247

(206) 359-8000

(206) 359-7198 (Fax)

Attorney for Applicant



PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***(Use as many sheets as necessary)***Complete if Known**

Application Number	10/733,807-Conf. #8859
Filing Date	December 11, 2003
First Named Inventor	Paul R. McHugh
Art Unit	1742
Examiner Name	W. T. Leader
Attorney Docket Number	291958241US

Sheet	1	of	2
-------	---	----	---

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-60/476,786		Davis et al.	
		US-60/476,881		Hanson	
		US-60/484,603		Wilson et al.	
		US-60/484,604		Wilson et al.	
		US-2001-0052465-A1	07-01-2003	Dordi et al.	
		US-2002-0000380-A1	01-03-2002	Graham et al.	
		US-2002-0088708-A1	07-11-2002	Yasuhiko Sakaki	
		US-2003-0221953-A1	12-04-2003	Thomas Oberlitner	
		US-2005-0000817-A1	01-06-2005	McHugh et al.	
		US-2005-0006241-A1	01-13-2005	McHugh et al.	
		US-3,652,442	03-28-1972	Powers et al.	
		US-4,648,774	03-10-1987	Dorumsgaard et al.	
		US-5,284,554	02-08-1994	Datta et al.	
		US-5,312,532	05-17-1994	Andricacos et al.	
		US-5,344,491	09-06-1994	Katou	
		US-5,421,987	06-06-1995	Tzanavaras et al.	
		US-5,431,421	07-11-1995	Thompson et al.	
		US-5,476,577	12-19-1995	May et al.	
		US-5,486,282	01-23-1996	Datta et al.	
		US-5,516,412	05-14-1996	Andricacos et al.	
		US-5,536,388	07-16-1996	Dinan et al.	
		US-5,543,032	08-06-1996	Datta et al.	
		US-5,567,300	10-22-1996	Datta et al.	
		US-5,683,564	11-04-1997	Reynolds	
		US-5,865,984	02-02-1999	Corbin, Jr. et al.	
		US-5,925,226	07-20-1999	Hurwitt et al.	
		US-6,001,235	12-14-1999	Arken et al.	
		US-6,103,096	08-15-2000	Datta et al.	
		US-6,168,695	01-02-2001	Woodruff	
		US-6,181,057	01-30-2001	Inoue et al.	
		US-6,228,231	05-08-2001	Uzoh	
		US-6,251,250	06-26-2001	Keigler	
		US-6,379,511	04-30-2002	Fatula et al.	
		US-6,454,918	09-24-2002	Sakaki	
		US-6,482,300-A1	11-19-2002	Sakaki	
		US-6,547,937	04-15-2003	Oberlitner et al.	
		US-6,635,157	10-21-2003	Dordi et al.	
		US-6,660,137-A1	12-09-2003	Wilson et al.	
		US-6,672,820	01-06-2004	Hanson	

Examiner
SignatureDate
Considered

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/733,807-Conf. #8859
				Filing Date	December 11, 2003
				First Named Inventor	Paul R. McHugh
				Art Unit	1742
				Examiner Name	W. T. Leader
Sheet	2	of	2	Attorney Docket Number	291958241US

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP-0 343 502 A2	11-29-1989	Lam Research Corp.		
		EP-0 726 698 A2	08-14-1996	International Business Machines Corp		
		JP-62-297494	12-24-1987	Electroplating Eng of Japan Co		
		JP-62-297495	12-24-1987	Electroplating Eng of Japan Co		
		JP-1-120827	05-12-1989	Mitsubishi Electric Corp		
		JP-5-175158	07-13-1993	Fujitsu Ltd. et al.		
		JP-06-260468	09-16-1994	Tokuyama		
		JP-7-211724	08-11-1995	Casio Computer Co. Ltd		
		JP-7-284738	10-31-1995	Toppa Printing Co. Ltd.		
		JP-09089067	03-31-1997	Koganei Corp.		
		JP-10-172974	06-26-1998	Denso Corp.		
		JP-11-092993	04-06-1999	TDK Corp		
		JP-2000-17480	01-18-2000	Fujitsu Ltd.		
		JP-2001-64795	03-13-2001	Electroplating Eng of Japan Co		
		WO-01/50505-A3	07-12-2001	Semitool, Inc.		
		WO-04/110698-A2	12-23-2004	Semitool, Inc.		
		WO-05/042804-A2	05-12-2005	Nexx Systems, Inc.		
		WO-99/25004	05-20-1999	Applied Materials, Inc.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		WU, Z.L. et al., "Methods for Characterization of Mass Transfer Boundary layer in an industrial Semiconductor Wafer Plating Cell," Abs. 165, 205 th Meeting, © The Electrochemical Society, Inc., 2004 (1 Page).	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--